



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/536,839	05/31/2005	Steven G. E. Aerts	BE 020040	6487

65913 7590 09/05/2008

NXP, B.V.
NXP INTELLECTUAL PROPERTY DEPARTMENT
M/S41-SJ
1109 MCKAY DRIVE
SAN JOSE, CA 95131

EXAMINER

DARE, RYAN A

ART UNIT	PAPER NUMBER
----------	--------------

2186

NOTIFICATION DATE	DELIVERY MODE
-------------------	---------------

09/05/2008

ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

ip.department.us@nxp.com

Office Action Summary	Application No. 10/536,839	Applicant(s) AERTS, STEVEN G. E.	
	Examiner RYAN DARE	Art Unit 2186	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 01 July 2008.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-18 and 20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-18 and 20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Objections

1. Claim 20 is objected to for not providing antecedent basis for the term “computer readable medium.”

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1-18 and 20 are rejected under 35 U.S.C. 102(b) as being anticipated by Nonaka et al., US Patent 6,654,949.
4. With respect to claim 1, Nonaka teaches a portable content presentation device comprising: a content signal source for providing a first content signal; a memory; a presentation signal generator operable to generate a presentation signal from the first content signal; a portability processor for determining a portability state of the portable content presentation device; and a memory controller operable to dynamically adjust a first memory allocation of the memory associated with the first content signal and to create a second memory allocation of the memory for a second application in response to the portability state, in col. 4, lines 4-58, where the pickup and amplifier supply the signal, the vibration resistive memory controller 6 is the portability processor, and the controller creates the first memory allocation in memory 7, and col. 5, lines 6-64 which

describe the second memory allocation and application, the displaying of data such as music passed time.

5. With respect to claim 2, Nonaka teaches a portable content presentation device as claimed in claim 1 wherein the first memory allocation is a buffer memory allocation for the first content signal, in col. 4, lines 4-58.

6. With respect to claim 3, Nonaka teaches a portable content presentation device as claimed in claim 2 wherein the first memory allocation is electronic shock protection memory and the portable content presentation device comprises a shock protection processor operable to control the buffering of the first content signal in the memory so as to reduce fluctuations in a content signal buffer output rate, in col. 4, lines 4-58.

7. With respect to claim 4, Nonaka teaches a portable content presentation device as claimed in claim 1 wherein the portability state comprises a portability state indication of whether the portable content presentation device is in a substantially stationary state or in a substantially portable state, in col. 4, lines 4-12.

8. With respect to claim 5, Nonaka teaches a portable content presentation device as claimed in claim 4 wherein the portability processor is operable to set the portability state indication in response to a movement detection, in col. 4, lines 4-12.

9. With respect to claim 6, Nonaka teaches a portable content presentation device as claimed in claim 4 wherein the portability processor is operable to set the portability state indication in response to a detection of the portable content presentation device having an external connection, in col. 1, lines 9-14.

10. With respect to claim 7, Nonaka teaches a portable content presentation device as claimed in claim 6 wherein the external connection is an external connection to a substantially stationary presentation device, in col. 1, lines 9-14.

11. With respect to claim 8, Nonaka teaches a portable content presentation device as claimed in claim 6 wherein the external connection is an external connection to a power source, in col. 4, lines 4-58.

12. With respect to claim 9, Nonaka teaches a portable content presentation device as claimed in claim 1 wherein the second application is a control application of the portable content presentation device, in col. 5, lines 27-31.

13. With respect to claim 10, Nonaka teaches a portable content presentation device as claimed in claim 1 wherein the content source is further operable to provide a second content signal and wherein the second application is a processing function associated with the second content signal, in col. 5, lines 6-64.

14. With respect to claim 11, Nonaka teaches a portable content presentation device as claimed in claim 1 wherein the second application is a presentation application of a second content signal, in col. 5, lines 27-31.

15. With respect to claim 12, Nonaka teaches a portable content presentation device as claimed in claim 11 wherein the second content signal is a different type of content signal than the first content signal, in col. 5, lines 27-31, where the content signal is a display.

16. With respect to claim 13, Nonaka teaches a portable content presentation device as claimed in claim 12 wherein the first content signal is an audio content signal and the

Art Unit: 2186

second content signal is a visual content signal, in col. 5, lines 27-31 which describes the visual content signal, and the previously cited sections, which dealt with the audio signal.

17. With respect to claim 14, Nonaka teaches a portable content presentation device as claimed in claim 13 wherein the second application is an image presentation application and the portable content presentation 30 device (101) is operable to use the second memory allocation as an image cache, in col. 5, lines 27-31.

18. With respect to claim 15, Nonaka teaches a portable content presentation device as claimed in claim 1 wherein the second application is enabled by the creation of the second memory allocation, in col. 5, lines 27-31

19. With respect to claim 16, Nonaka teaches a portable content presentation device as claimed in claim 1 wherein the portable content presentation device is a portable audio player, in col. 1, lines 5-8.

20. With respect to claim 17, Nonaka teaches a portable content presentation device as claimed in claim 1 wherein the memory consists in single memory element, in col. 5, lines 28-36, memory 7.

21. With respect to claim 18, Nonaka teaches a method of presenting content, the method comprising: receiving a first content signal; determining a portability state of the portable content presentation device; generating a presentation signal from the first content signal; and dynamically adjusting a first memory allocation of the memory associated with the first content signal and a second memory allocation of the memory

for a second application, in col. 4, lines 4-58, and col. 5, lines 6-64, with reference to the rejection of claim 1 above.

22. Claim 20 is rejected for similar reasons as claim 18.

Response to Arguments

23. Applicant's arguments filed 7/1/08 have been fully considered but they are not persuasive. Applicant argues that Nonaka does not teach allocating memory. The examiner disagrees. The cited section, col. 4, lines 4-58, teaches adjusting a threshold value of where data can be stored in memory. Accordingly, the examiner is not interpreting the actual data stored in memory as the "allocation" of the present claim, rather is interpreting setting this threshold value as the "allocation," as adjusting this value changes the amount of memory allocated for the shock protection function. With respect to Applicant's arguments that Nonaka does not teach a second memory allocation for a second application, the examiner has clarified the above rejection and is associating the display of song data as discussed in col. 5, lines 6-64 with this limitation.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to RYAN DARE whose telephone number is (571)272-4069. The examiner can normally be reached on Mon-Fri 9:30-6.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Matt Kim can be reached on (571)272-4182. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Ryan Dare/
September 2, 2008

/Matt Kim/
Supervisory Patent Examiner, Art Unit 2186